

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

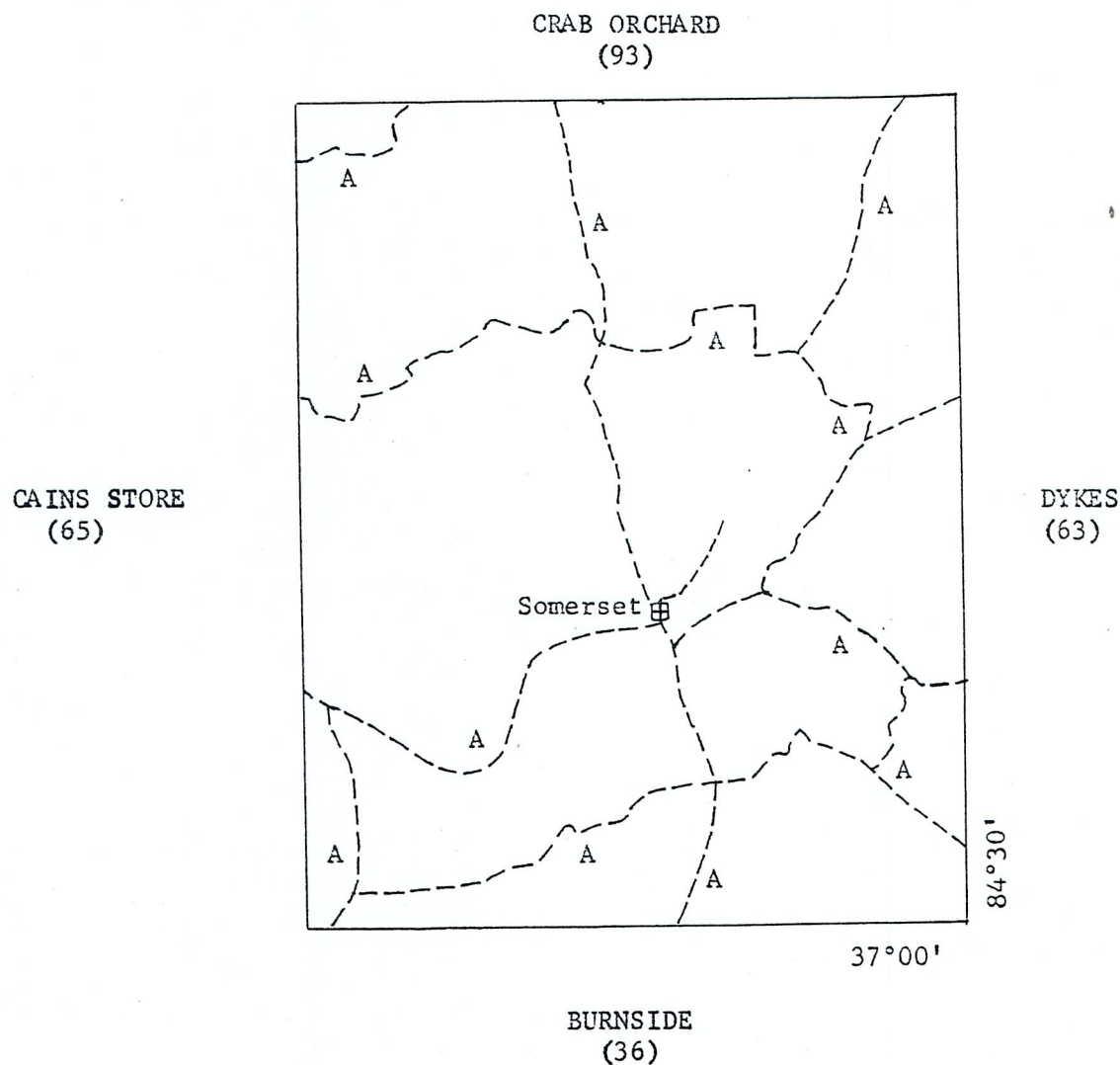
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-084-32
SOMERSET QUADRANGLE
64 KENTUCKY
N3700-W8430/15
DIAGRAM NJ 16-9
WINCHESTER

Final adjustment of 1955

Edition of 10/1/76

PR: WSM/ale



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370843

INDEX OF PERMANENT MARKS

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ISOLATED BENCH MARKS (By C. E. Walker, 1928; Book B3261; C. E. Reick, 1928; Book B3051; S. G. Boyd, 1928; Book B2996	<u>Feet</u>
Coin; 600 ft NE. of; 8 ft S. and 9 ft E. of SW. corner of Salem Church; in concrete post; standard tablet stamped "TT STA NO 41 T 1928"	980.597
Shopville, 2.3 mi SW. of post office; 0.8 mi NE. of Grundy Post Office; in front yard of Grundy School; 91 ft S. and 31 ft E. of SE. corner of school building; in concrete post; standard tablet stamped "TT STA NO 42 T 1928"	1108.102
Sulphur Springs Church; 105 ft S. of centerline of rd.; 112 ft SSW. of NE. corner of church; on N. side of footpath that leads SE. from church; in top of sandstone boulder; standard tablet stamped "TT STA NO 45 T 1928"	1009.791
Jugernot School; in front yard of; 7 ft W. and 10 ft N. of NW. corner of schoolhouse; in concrete post; standard tablet stamped "TT STA NO 46 T 1928" (Tied by NGS, 1950)	951.461
Somerset, 4.0 mi E. of; 500 ft NE. of Pitman Creek bridge; 30 ft NE. of rd. forks; in limestone rock; standard tablet stamped "KY 4 WA 1929" (Reported not found, 1952)	888.768
Floyd, 2.0 mi W. of; 2.6 mi SE. of Polly Ann School; 0.5 mi NW. of Briary Church; 10 ft S. and 17 ft W. of T-rd. NE.; on Brawe's property; in concrete post; standard tablet stamped "TT STA NO 49 T 1928"	1108.274
Hogue, 1.8 mi W. of; 0.3 mi E. of King Bee Post Office; 10 ft W. and 21 ft S. of T-rd. S. leading to Oil Center School; in concrete post; standard tablet stamped "TT STA NO 55 T 1928" (Reported not found, 1961)	1086.505
Somerset, 7.1 mi W. and N. of; on Somerset-Liberty rd.; 0.5 mi W. of Oil Center Post Office; 8 ft W. and 11 ft N. of SW. corner of Oil Center School; in concrete post; standard tablet stamped "TT STA NO 56 T 1928" (Inundated, 1948)	736.781
Burnside, 3.5 mi N. of; 3.5 mi S. of Somerset on Dixie State Highway; 25 ft N. and 34 ft W. of rd. fork W.; 800 ft E. of Shiloh Church; in NW. angle of rd. fork; in concrete post; standard tablet stamped "TT STA NO 30 T 1928" (Reported not found, 1957)	907.018

ISOLATED BENCH MARKS (Cont'd.)Feet

Somerset, 1.3 mi S. of courthouse; 138 ft S. and 59 ft W. of junction of Dixie Highway with Oak Hill rd. SW.; in SE. corner of yard of J. M. Hudson; S. of store; in concrete post; standard tablet stamped "TT STA NO 31 T 1928" (Reported not found, 1952)	930.710
Somerset, 2.1 mi NW. of; 3.0 mi S. of Norwood on Cincinnati-Southern RR. property; 0.6 mi NW. of milepost No. 159; 12 ft N. and 33 ft W. of center of W. or southbound track; at rd. crossing; in concrete post; standard tablet stamped "TT STA NO 32 T 1928"	976.479
Pisgah, 3.49 mi W. of; 1.21 mi E. of Shafter; at intersection of Stony Ferry rd. with Slate Branch rd.; on property of Ephriam Hudson heirs; in N.-S. line with two 36-in. red oak trees; 62 ft from S. tree; 52 ft from N. tree; in concrete post; standard tablet stamped "B 1 1928"	971.191
Shafter, 2.19 mi SW. of; 2.43 mi NE. of Trimble Post Office; at intersection of Stony Ferry rd. with rd. NW. to Hislope Post Office on W. side of rd.; on property of E. Floyd; in concrete post; standard tablet stamped "B 2 1928"	941.993

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
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37-084-32
SOMERSET QUADRANGLE
64 KENTUCKY
N3700-W8430/15
DIAGRAM NJ 16-9
WINCHESTER

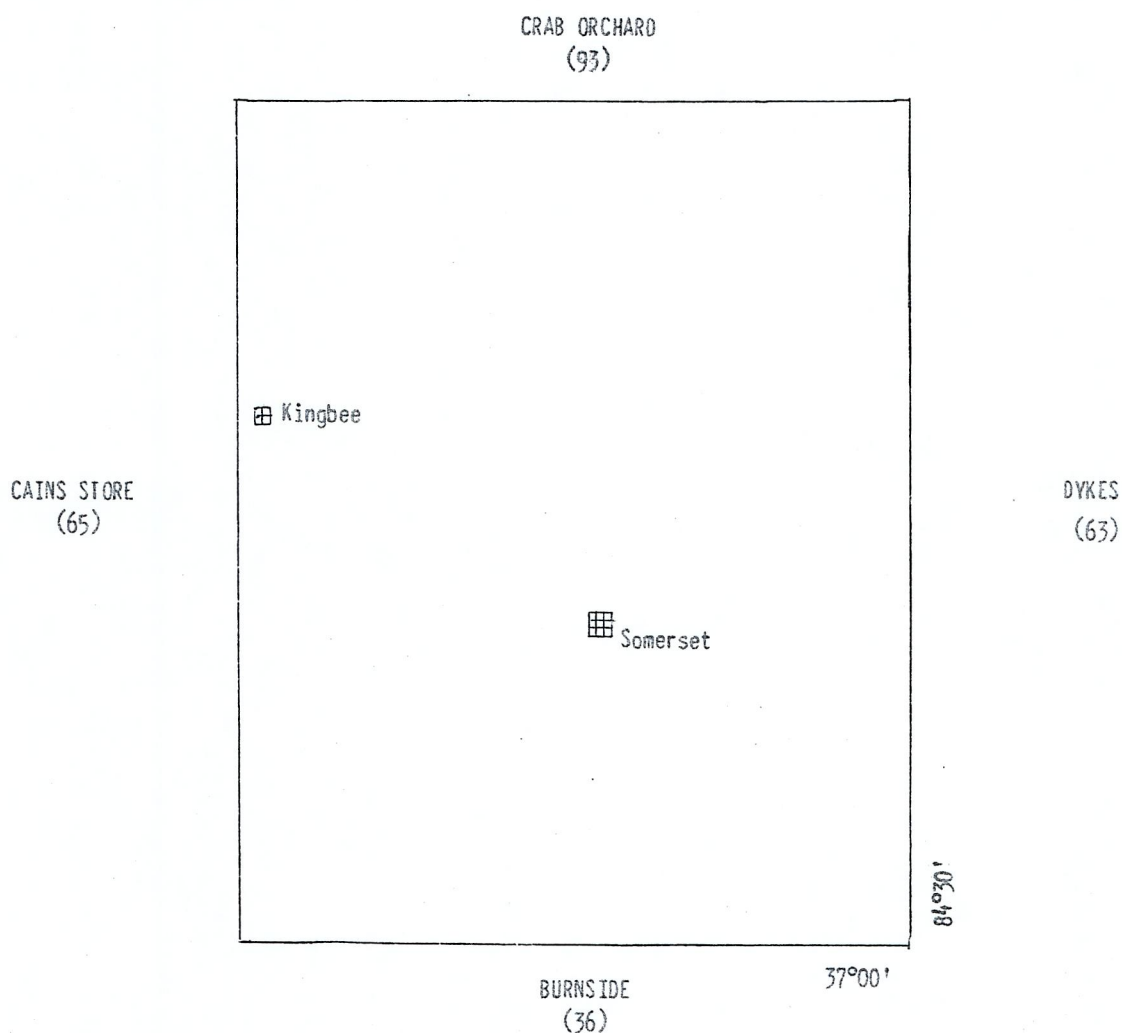
Casey, Lincoln, and Pulaski Counties

Edition of 10/1/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

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TT 34 BT 1951	5
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K 220 1951 1082.570	4
L 220 1951 1091.822	5
M 220 1951 962.823	5
N 220 1951 964.693	5
P 220 1951 957.009	5
Q 220 1951 951.566	5

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. A. Turner, 1928; Books C8291, C8261-62

Burnside, 3.5 mi N. of; 3.5 mi S. of Somerset on Dixie Highway; 25 ft N. and 34 ft W. of rd. fork W.; about 800 ft E. of Shiloh Church; in NW. angle of rd. fork; in concrete post; standard tablet stamped "TT STA NO 30 T 1928" (Not found, 1961)

X = 2,327,528	Y = 254,956	37 01 41.78	84 37 40.78
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Somerset, 1.3 mi S. of courthouse; 138 ft S. and 59 ft W. of junction of Dixie Highway with Oak Hill Road SW.; in SE. corner of yard of J. M. Hudson; S. of store; in concrete post; standard tablet stamped "TT STA NO 31 T 1928" (Not found, 1952)

X = 2,331,041	Y = 272,358	37 04 33.42	84 36 54.88
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Somerset, 2.1 mi NW. of; 3.0 mi S. of Norwood on Cincinnati, New Orleans and Texas Pacific (Southern) Railway property; 0.6 mi NW. of milepost 159; 12 ft N. and 33 ft W. of center of W. or southbound track; at public rd. crossing; in concrete post; standard tablet stamped "TT STA NO 32 T 1928"

X = 2,328,667	Y = 284,356	37 06 32.33	84 37 22.40
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Norwood; 60 ft N. and 24 ft W. of W. post of RR. sign "NORWOOD"; 20 ft E. of E. rail; on C., N.O. & T.P. Ry. property; in concrete post; standard tablet stamped "TT STA NO 33 T 1928" (Not found, 1961)

X = 2,325,824	Y = 299,749	37 09 04.86	84 37 55.25
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Science Hill, 0.7 mi N. of; 22 ft N. and 42 ft W. of private rd. crossing of W. or southbound track of C., N.O. & T.P. Ry.; 4.5 ft W. of fence; on RR. property; in concrete post; standard tablet stamped "TT STA NO 34 T 1928 1126.018"

X = 2,325,699	Y = 312,245	37 11 08.42	84 37 54.97
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Pulaski, 1.4 mi N. of; 3.4 mi S. of Eubank; 984 ft N. of milepost 150; 44 ft N. and 14 ft E. of public rd. crossing E. or northbound track of C., N.O. & T.P. Ry.; in NW. angle of rd. fork; on RR. property; in concrete post; standard tablet stamped "TT STA NO 35 T 1928" (Not found, 1952)

X = 2,322,006	Y = 327,292	37 13 37.62	84 38 38.42
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Coin; 600 ft NE. of; 8 ft S. and 9 ft E. of SW. corner of Salem Church; in concrete post; standard tablet stamped "TT STA NO 41 T 1928"

X = 2,361,684	Y = 308,959	37 10 31.49	84 30 30.84
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Shopville, 2.3 mi SW. of post office; 0.8 mi NE. of Grundy Post Office; in frontyard of Grundy School; 91 ft S. and 31 ft E. of SE. corner of school building; in concrete post; standard tablet stamped "TI STA NO 42 T 1928"

X = 2,360,674 Y = 294,324 37 08 06.93 84 30 45.69

Sulphur Springs Church; 105 ft S. of centerline of rd.; 112 ft SSW. of NE. corner of church; on N. side of footpath that leads SE. from church; in top of sandstone boulder; standard tablet stamped "TI STA NO 45 T 1928"

X = 2,364,522 Y = 259,623 37 02 23.33 84 30 03.84

Jugonot; in frontyard of school; 10 ft N. and 7 ft W. of NW. corner of schoolhouse; in concrete post; standard tablet stamped "TI STA NO 46 T 1928 951.461"

X = 2,363,328 Y = 245,994 37 00 08.74 84 30 20.78

By C. A. Turner, 1928; Book C8462

Hogue, 1.8 mi W. of; 0.3 mi E. of King Bee Post Office; 21 ft S. and 10 ft W. of I-rd. S. to Oil Center Schoolhouse; in concrete post; standard tablet stamped "TI STA NO 55 T 1928" (Not found, 1961)

X = 2,296,212 Y = 300,002 37 09 10.67 84 44 00.97

Somerset, 7.1 mi W. and N. of, along Somerset-Liberty rd.; about 0.5 mi W. of Oil Center Post Office; 11 ft N. and 8 ft W. of SW. corner of Oil Center Schoolhouse; in concrete post; standard tablet stamped "TI STA NO 56 T 1928" (To be inundated by Wolf Creek Reservoir, 1948) (Not found, 1961)

X = 2,302,350 Y = 284,192 37 06 33.69 84 42 47.31

By C. A. Turner, 1928; Books C8181, C8402

Floyd, 2.0 mi W. of; 2.6 mi SE. of Polly Ann School; about 0.5 mi NW. of Briary Church; 10 ft S. and 17 ft W. of I-rd. NE.; on Brawo property; in top of concrete post; standard tablet stamped "TI STA NO 49 T 1928"

X = 2,311,543 Y = 334,488 37 14 49.96 84 40 46.78

By C. W. Haas, 1952; Book AH 268

Nancy, about 0.4 mi E. of post office, along State Highway 80; at junction of State Highway 235; about 0.2 mi W. of National Cemetery; 134 ft E. of centerline of Highway 235; 46 ft S. of, and 1 ft lower than centerline of Highway 80; 86 ft WSW. of W. end of S. headwall of 24-in. pipe culvert under Highway 80; 80 ft ENE. of NE. corner of brick store; 5 ft E. of telephone pole; 2 ft NE. of fence corner; in concrete post; NGS standard disk stamped "K 220 1951 1082.570"

X = 2,294,242 Y = 269,182 37 04 06.15 84 44 29.38

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBsolete MARKS (Cont'd.)

Nancy, 1.0 mi S. of post office, along State Highway 235 from junction of State Highway 80; at Zollicoffer Memorial State Park; 96 ft SE. of entrance to park; 34 ft NE. of centerline of hwy.; 6 ft SW. of 8-in. cedar tree; 2 ft SW. of SE. end of stone fence along SW. edge of park; in concrete post; NGS standard disk stamped "L 220 1951 1091.822"

X = 2,294,917	Y = 264,420	37 03 18.99	84 44 21.66
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By J. M. Halsey, 1951; Book AH 268

Nancy, about 2.2 mi S. of post office, along State Highway 235 from junction with State Highway 80; about 0.6 mi N. of post office and church at Delmer; at private rd. W.; about 400 ft NW. of, and across hwy. from Okalona School; 29 ft W. of, and 1 ft lower than centerline of hwy.; 15 ft N. of centerline of rd. W.; 36 ft NW. of center of junction; 2 ft E. of fenceline; in concrete post; NGS standard disk stamped "M 220 1951 962.823"

X = 2,296,355	Y = 257,870	37 02 14.08	84 44 04.80
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Delmer, about 0.6 mi S. of post office and church, along State Highway 235; about 0.2 mi S. of crossing of power transmission line; 30 ft E. of, and 4 ft higher than centerline of hwy.; 85 ft NW. of NW. corner of house; 17 ft N. of centerline of drive to house; 21 ft S. of 6-in. apple tree; 5 ft W. of power pole; in concrete post; NGS standard disk stamped "N 220 1951 964.693"

X = 2,296,736	Y = 252,146	37 01 17.44	84 44 00.86
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Delmer, about 1.2 mi S. of post office and church, along State Highway 235; about 0.5 mi N. of Delmer Church of Nazarene; about 0.2 mi S. of junction of rd. W.; at junction of rd. E.; 28 ft W. of, and 2 ft higher than centerline of hwy.; 66 ft SW. of center of junction; 105 ft ESE. of SE. corner of white frame house; 10 ft S. of fence corner; 1 ft E. of fenceline; in concrete post projecting 2 in.; NGS standard disk stamped "P 220 1951 957.009"

X = 2,296,095	Y = 248,730	37 00 43.74	84 44 09.21
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Trimble, about 1.0 mi N. of post office, along State Highway 235; about 0.4 mi N. of church and cemetery; about 0.3 mi S. of Delmer Church of Nazarene; 37 ft W. of, and 1 ft higher than centerline of hwy.; 106 ft W. of, and across hwy. from NW. corner of two-story white frame house; 49 ft NW. of center of junction of rd. SE.; 30 ft SW. of centerline of private rd. NW.; 12 ft NW. of power pole with transformer; 2 ft E. of fenceline; in concrete post projecting 3 in.; NGS standard disk stamped "Q 220 1951 951.566"

X = 2,294,119	Y = 244,912	37 00 06.19	84 44 34.06
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By M. L. Bennett, 1951; Book MS 30346 (TVA)

Grundy, 2.5 mi SE. of; 1.0 mi NW. of Drum; 50 ft E. of SE. corner of white house; 30 ft NE. of apple tree in yard; 15 ft E. of field rd.; 2.5 ft SW. of power pole; in concrete post; standard tablet stamped "TI 34 BT 1951"

X = 2,364,424	Y = 285,403	37 06 38.24	84 30 00.82
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